

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

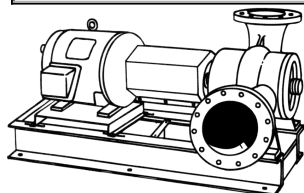
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



4x5x14-3/4L VSCS Centrifugal Pumps Base Mounted - Double suction

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

☒ BRONZE FITTED

FEATURES

- ☒ ANSI/OSHA Coupling Guard
- ☒ Center Drop Out Spacer Coupling
- ☒ Fabricated Heavy Duty Baseplate

TYPE OF SEAL

Standard Seal Construction, 175 PSIG (12 Bar) working pressure, 125# ANSI flanges.
std. flush(-F)

- ☐ ☐ Standard: Crane Type 21, Buna/Carbon-Ceramic, 90 psig (6 bar) max. suction pressure
Temp. range: -20 to 225°F (-29 to 107 °C).
- ☐ ☐ Optional: Crane Type 21, EPR/Carbon-Tungsten 90 psig (6 bar) max. suction pressure,
Temp. range: -20 to 250 °F (-29 to 121 °C).
- ☐ ☐ Optional: Crane Type 2, Buna/Carbon-Ceramic, 175 psig (6 bar) max. suction pressure
Temp. range: -20 to 225 °F (-29 to 107 °C).

Standard Seal Construction, 300 PSIG (20 Bar) working pressure, 250# ANSI flanges.

- ☐ ☐ Standard: Crane Type 2, Buna/Carbon-Ceramic, 180 psig (12 bar) max. suction pressure
Temp. range: -20 to 225°F (-29 to 107 °C).
- ☐ ☐ Optional: Crane Type 2, EPR/Carbon-Tungsten, 240 psig (16 bar) max. suction pressure
Temp. range: -20 to 250 °F (-29 to 121 °C).

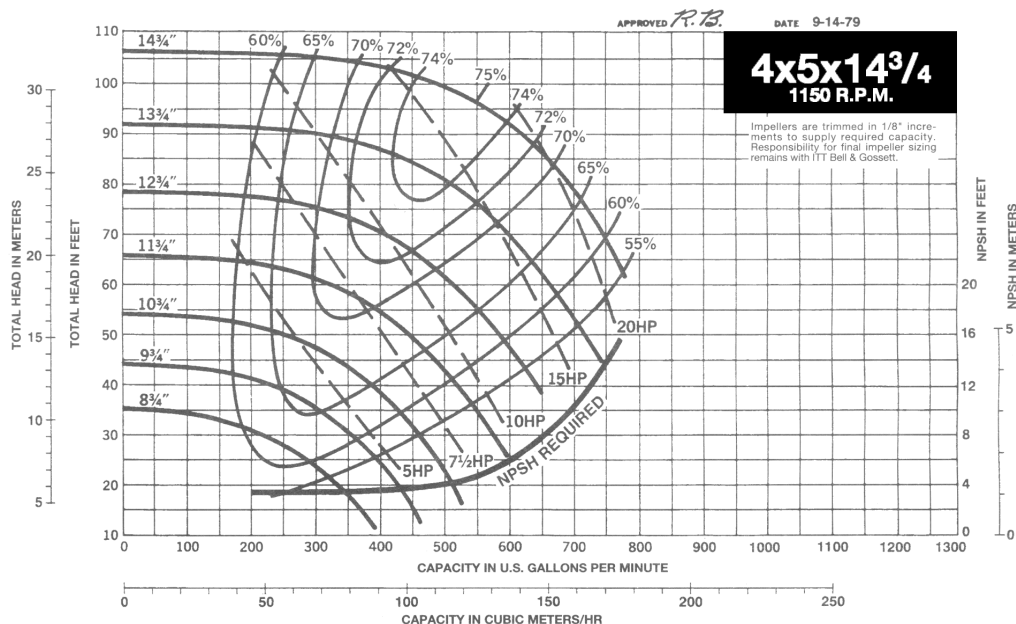
Stuffing Box Construction, 175 PSIG (12 Bar) working press., 125# ANSI flanges. External flush to seal.

- ☐ ☐ Standard: -S Configuration, Durametallic RO, EPR/Carbon-Tungsten, 175 psig (12 bar) max. suction
pressure, Temp. range: -20 to 300 °F* (-29 to 149 °C).
- ☐ ☐ Optional: -PF Configuration
Packing (Non-Asbestos)

Stuffing Box Construction, 300 PSIG (20 Bar) working press., 250# ANSI flanges. External flush to seal.

- ☐ ☐ Standard: -S Configuration, Durametallic RO, EPR/Carbon-Tungsten, 300 PSIG (20 Bar) max. suction
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*For operating temperatures above 250°F, a cooled flush is required. On closed systems, cooling is accomplished by inserting the brazed place heat exchanger kit in the flush line to cool the fluid.



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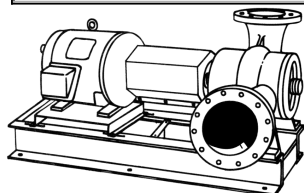
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4x5x14-3/4L VSCS Centrifugal Pumps Base Mounted - Double suction

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

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ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

☒ BRONZE FITTED

FEATURES

- ☒ ANSI/OSHA Coupling Guard
- ☒ Center Drop Out Spacer Coupling
- ☒ Fabricated Heavy Duty Baseplate

TYPE OF SEAL

Standard Seal Construction, 175 PSIG (12 Bar) working pressure, 125# ANSI flanges.
std. flush(-F)

- ☐ ☐ Standard: Crane Type 21, Buna/Carbon-Ceramic, 90 psig (6 bar) max. suction pressure
Temp. range: -20 to 225°F (-29 to 107 °C).
- ☐ ☐ Optional: Crane Type 21, EPR/Carbon-Tungsten 90 psig (6 bar) max. suction pressure,
Temp. range: -20 to 250 °F (-29 to 121 °C).
- ☐ ☐ Optional: Crane Type 2, Buna/Carbon-Ceramic, 175 psig (6 bar) max. suction pressure
Temp. range: -20 to 225 °F (-29 to 107 °C).

Standard Seal Construction, 300 PSIG (20 Bar) working pressure, 250# ANSI flanges.

- ☐ ☐ Standard: Crane Type 2, Buna/Carbon-Ceramic, 180 psig (12 bar) max. suction pressure
Temp. range: -20 to 225°F (-29 to 107 °C).
- ☐ ☐ Optional: Crane Type 2, EPR/Carbon-Tungsten, 240 psig (16 bar) max. suction pressure
Temp. range: -20 to 250 °F (-29 to 121 °C).

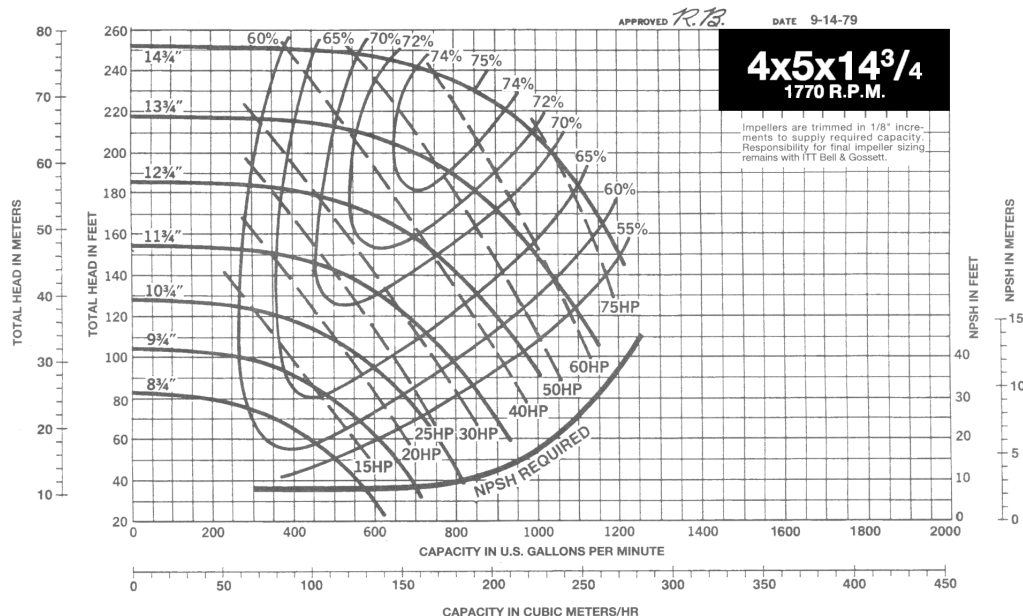
Stuffing Box Construction, 175 PSIG (12 Bar) working press., 125# ANSI flanges. External flush to seal.

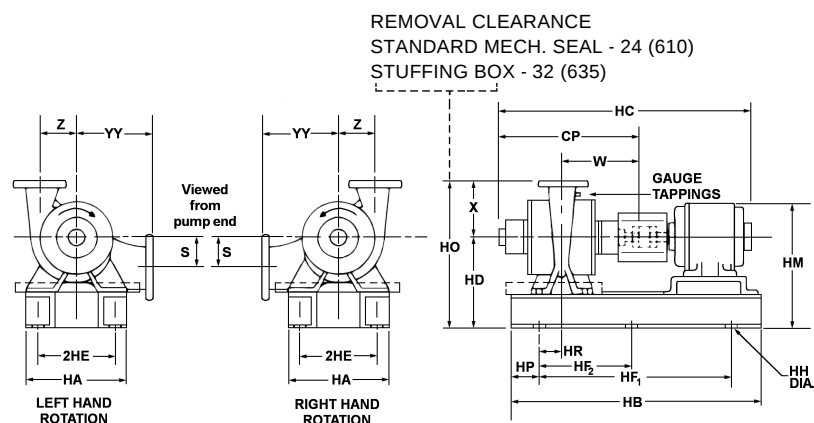
- ☐ Standard: -S Configuration, Durametallic RO, EPR/Carbon-Tungsten, 175 psig (12 bar) max. suction
pressure, Temp. range: -20 to 300 °F* (-29 to 149 °C).
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Packing (Non-Asbestos)

Stuffing Box Construction, 300 PSIG (20 Bar) working press., 250# ANSI flanges. External flush to seal.

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pressure, Temp. range: -20 to 300 °F* (-29 to 149 °C).

*For operating temperatures above 250°F, a cooled flush is required. On closed systems, cooling is accomplished by inserting the brazed place heat exchanger kit in the flush line to cool the fluid.





RIGHT HAND ROTATION IS FURNISHED UNLESS OTHERWISE SPECIFIED.

NOTE: EPDM COUPLINGS ARE STANDARD ON PUMPS WITH MOTOR FRAME SIZES THRU 324T.

FLANGE DIMENSIONS IN INCHES (MM)			
	SIZE	THICKNESS	O.D.
Discharge	4" (102)	1-1/4 (32)	11 (279)
Suction	5" (127)	1-3/8 (35)	10 (254)

DIMENSIONS - Inches (mm)

STANDARD SEAL VSCS, VSCS-F

MOTOR FRAME	DIMENSIONS - INCHES (MM)																	
	CP	HA	HB	HC MAX.	HD	2HE	HF ₁	HF ₂	HH	HM MAX.	HO	HP	HR	S	W	X	YY	Z
254T	22-3/4 (578)	26 (660)	53-3/4 (1365)	51-7/8 (1318)	17 (432)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	23-7/8 (606)	30 (762)	6 (152)	3 (76)	6 (152)	13-1/2 (343)	13 (330)	15 (381)	9 (229)
256T	22-3/4 (578)	26 (660)	53-3/4 (1365)	53-5/8 (1362)	17 (432)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	23-7/8 (606)	30 (762)	6 (152)	3 (76)	6 (152)	13-1/2 (343)	13 (330)	15 (381)	9 (229)
284T	22-3/4 (578)	26 (660)	53-3/4 (1365)	54-3/8 (1381)	17 (432)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	25 (635)	30 (762)	6 (152)	3 (76)	6 (152)	13-1/2 (343)	13 (330)	15 (381)	9 (229)
286T	22-3/4 (578)	26 (660)	53-3/4 (1365)	55-7/8 (1419)	17 (432)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	25 (635)	30 (762)	6 (152)	3 (76)	6 (152)	13-1/2 (343)	13 (330)	15 (381)	9 (229)
324T	22-3/4 (578)	26 (660)	53-3/4 (1365)	57-7/8 (1470)	17 (432)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	26-1/8 (664)	30 (762)	6 (152)	3 (76)	6 (152)	13-1/2 (343)	13 (330)	15 (381)	9 (229)
326T	22-3/4 (578)	26 (660)	53-3/4 (1365)	59-3/8 (1508)	17 (432)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	26-1/8 (664)	30 (762)	6 (152)	3 (76)	6 (152)	13-1/2 (343)	13 (330)	15 (381)	9 (229)
364TS	22-3/4 (578)	26 (660)	53-3/4 (1365)	59-1/2 (1511)	17 (432)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	27-1/4 (692)	30 (762)	6 (152)	3 (76)	6 (152)	13-1/2 (343)	13 (330)	15 (381)	9 (229)
365TS	22-3/4 (578)	26 (660)	53-3/4 (1365)	60-1/8 (1527)	17 (432)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	27-1/4 (692)	30 (762)	6 (152)	3 (76)	6 (152)	13-1/2 (343)	13 (330)	15 (381)	9 (229)
404TS	22-3/4 (578)	26 (660)	59-1/4 (1505)	62-3/8 (1584)	17 (432)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	28-7/8 (733)	30 (762)	6 (152)	3 (76)	6 (152)	13-1/2 (343)	13 (330)	15 (381)	9 (229)

STUFFING BOX VSCS-PF, VSCS-S, VSCS-D

MOTOR FRAME	DIMENSIONS - INCHES (MM)																	
	CP	HA	HB	HC MAX.	HD	2HE	HF ₁	HF ₂	HH	HM MAX.	HO	HP	HR	S	W	X	YY	Z
254T	30-3/8 (772)	26 (660)	53-3/4 (1365)	59-1/2 (1511)	17 (432)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	23-7/8 (606)	30 (762)	6 (152)	3 (76)	6 (152)	17-5/16 (440)	13 (330)	15 (381)	9 (229)
256T	30-3/8 (772)	26 (660)	53-3/4 (1365)	61-1/4 (1556)	17 (432)	23-1/2 (597)	41-7/8 (1064)	20-7/8 (530)	1 (25)	23-7/8 (606)	30 (762)	6 (152)	3 (76)	6 (152)	17-5/16 (440)	13 (330)	15 (381)	9 (229)
284T	30-3/8 (772)	26 (660)	59-1/4 (1505)	62 (1575)	17 (432)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	25 (635)	30 (762)	6 (152)	3 (76)	6 (152)	17-5/16 (440)	13 (330)	15 (381)	9 (229)
286T	30-3/8 (772)	26 (660)	59-1/4 (1505)	63-1/2 (1613)	17 (432)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	25 (635)	30 (762)	6 (152)	3 (76)	6 (152)	17-5/16 (440)	13 (330)	15 (381)	9 (229)
324T	30-3/8 (772)	26 (660)	59-1/4 (1505)	65-1/2 (1664)	17 (432)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	26-1/8 (664)	30 (762)	6 (152)	3 (76)	6 (152)	17-5/16 (440)	13 (330)	15 (381)	9 (229)
326T	30-3/8 (772)	26 (660)	59-1/4 (1505)	67 (1702)	17 (432)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	26-1/8 (664)	30 (762)	6 (152)	3 (76)	6 (152)	17-5/16 (440)	13 (330)	15 (381)	9 (229)
364TS	30-3/8 (772)	26 (660)	59-1/4 (1505)	67-1/8 (1705)	17 (432)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	27-1/4 (692)	30 (762)	6 (152)	3 (76)	6 (152)	17-5/16 (440)	13 (330)	15 (381)	9 (229)
365TS	30-3/8 (772)	26 (660)	59-1/4 (1505)	67-3/4 (1721)	17 (432)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	27-1/4 (692)	30 (762)	6 (152)	3 (76)	6 (152)	17-5/16 (440)	13 (330)	15 (381)	9 (229)
404TS	30-3/8 (772)	26 (660)	59-1/4 (1505)	70 (1778)	17 (432)	23-1/2 (597)	47-1/4 (1200)	23-5/8 (600)	1 (25)	28-7/8 (733)	30 (762)	6 (152)	3 (76)	6 (152)	17-5/16 (440)	13 (330)	15 (381)	9 (229)

Dimensions are subject to change. Not to be used for construction purposes unless certified.

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xylem
Let's Solve Water